

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,822,072 B1 Page 1 of 5  
DATED : November 23, 2004  
INVENTOR(S) : Jean-Baptiste Dumas Milne Edwards, Aymeric Duclert and Jean-Yves Giordano

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2,

Line 28, "268:7314," should read -- 268:731-4, --.

Column 4,

Line 1, "6:236244," should read -- 6:236-244, --.

Lines 3 and 4, "Spel" should read -- SpeI --.

Column 5,

Line 19, "tenn" should read -- term --.

Column 7,

Line 61, "extended,cDNAs" should read -- extended cDNAs --.

Column 8,

Line 63, "SEQ D Nos." should read -- SEQ ID NOS. --.

Column 12,

Line 35, "15541580" should read -- 1554-1580 --.

Column 20,

Line 5, "gene D" should read -- gene II --.

Line 21, "polyerase" should read -- polymerase --.

Column 21,

Line 38, "fill-length" should read -- full-length --.

Column 25,

Line 8, "Ednian" should read -- Edman --.

Line 9, "N-terrinal" should read -- N-terminal --.

Column 27,

Line 41, "24728" should read -- 24-728 --.

Column 30,

Line 11, "nucleobde(s)" should read -- nucleotide(s) --.

Column 31,

SEQ ID NO: 415, "53" should read -- S3 --.

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Column 33,

SEQ ID NO: 800, "km" should read -- krn --.

Column 34,

Line 50, "polynucleolide" should read -- polynucleotide --.

Column 45,

Line 34, "5'ESTs Consensus" should read -- 5'ESTs, Consensus --.

Line 53, "the type" should read -- the tissue type --.

Column 54,

Lines 12-14, "647 F:1 should read -- 647 F:1

643 F:1                      648 F:1

649 F:1"                      649 F:1 --.

Column 59,

Line 38, "by.,a" should read -- by a --.

Column 60,

Line 41, "it'may" should read -- it may --.

Column 61,

Line 53, "bioinformnatics" should read -- bioinformatics --.

Column 67,

Line 31, "403410" should read -- 403-410 --.

Column 68,

Line 1, "17:4941" should read -- 17:49-61 --.

Column 69,

Line 61, "10%-20%=80%" should read -- 100%-20%=80% --.

Column 70,

Line 63, "Gene H" should read -- Gene II --.

Column 72,

Line 29, "10:685686" should read -- 10:685-686 --.

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Column 75,

Line 6, "pX1 contains" should read -- pXT1 contains --.

Line 16, "BgIII" should read -- BG1II --.

Column 77,

Line 59, "Cytokine Cell" should read -- Cytokine, Cell --.

Column 78,

Line 12, "145:17061712" should read -- 145:1706-1712 --.

Column 79,

Line 36, "Takcai" should read -- Takai --.

Line 44, "134:536544" should read -- 134:536-544 --.

Line 47, "67:40624069" should read -- 67:4062-4069 --.

Line 57, "Darzynliewicz" should read -- Darzynkiewicz --.

Line 59, "7:659670" should read -- 7:659-670 --.

Column 81,

Line 2, "tsplants" should read -- transplants --.

Column 85,

Line 11, "tendonaigament-like" should read -- tendon/ligament-like --.

Line 20, "in viva" should read -- in vivo --.

Column 87,

Line 55, "45:413419" should read -- 45:413-419 --.

Line 57, "35:467474" should read -- 35:467-474 --.

Column 89,

Line 50, "Inclining" should read -- killing --.

Line 63, "behaviora" should read -- behavioral --.

Column 91,

Line 48, "*Chromalographia*" should read -- *Chromatographia* --.

Column 95,

Line 40, "GIC" should read -- G/C --.

Line 62, "Acids Positional" should read -- Acids, Positional --.

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Column 97,

Line 49, "probes arc" should read -- probes are --.

Column 98,

Line 11, "P2" should read -- P<sup>32</sup> --.

Line 18, "<sup>32</sup>p" should read -- <sup>32</sup>P --.

Line 67, "p<sup>32</sup>" should read -- P<sup>32</sup> --.

Column 99,

Line 64, "(FK)" should read -- (TK) --.

Column 100,

Line 9, "Acids Positional" should read -- Acids, Positional --.

Column 101,

Line 40, "Collected" should read -- Colcemid --.

Column 112,

Line 23, "in, both" should read -- in both --.

Column 113,

Line 11, "CIA" should read -- CTA --.

Line 19, "release 20" should read -- release 2.0 --.

Column 115,

Line 66, "antiseese" should read -- antisense --.

Column 119,

Line 30, "region (b)" should read -- region (h) --.

Line 61, "271:2745627461" should read -- 271:27456-27461 --.

Line 63, "234:675680" should read -- 234:675-680 --.

Column 120,

Line 56, "3<sup>4</sup> edition" should read -- 3<sup>rd</sup> edition --.

Lines 66-67, "990%, 98%, 97%, 96%, 95%, 900%, 85%" should read -- 99%, 98%, 97%, 96%, 95%, 90%, 85% --.

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Column 122,

Line 18, "Continuing" should read -- containing --.

Column 124,

Lines 60-61, "polynucleotides" should read -- polynucleotide --.

Column 127,

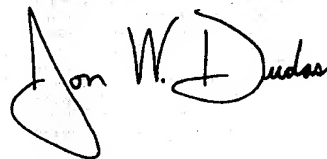
Lines 39-40, "MicrosofR WORD" should read -- MicrosoftWORD --.

Column 128,

Line 49, "desired polynucleotides." should read -- desired polynucleotide. --.

Signed and Sealed this

Twenty-fourth Day of May, 2005

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D" at the end.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*